

**Notice of Allowability**

Application No.

10/650,293

Examiner

Marc Jimenez

Applicant(s)

BEACOM, WILLIAM F.

Art Unit

3726

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed on 8/27/04.
2. ☒ The allowed claim(s) is/are 1-4.
3. ☒ The drawings filed on 27 August 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

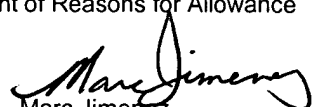
\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
Marc Jimenez  
AU 3726  
10/14/04

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Norman Friedland on 10/14/04.

The application has been amended as follows:

#### **In the claims:**

Claim 1 (Currently Amended): A method for fabricating a non rotating stator vane with circumferentially spaced vanes formed in a ring which are used for directing a fluid comprising the steps of:

- i) forming the vanes integrally with a circular shaped support member located on a peripheral edge of the vanes, which support member is made from sacrificial material;
- ii) providing a pair of diametrically opposed side plates;
- iii) affixing [the] side edges of the vanes to [the] side faces of the side plates so that the vanes are sandwiched between the pair of side plates formed in step [i] ii;
- iv) removing the sacrificial material so that the fluid being directed between adjacent vanes is bounded by the adjacent vanes and the pair of side plates provided in step ii.

Claim 3 (Currently Amended): The method as claimed in claim 2 wherein [?] the vanes are formed in an annulus with one set of circumferentially spaced vanes [are] formed on the outer peripheral edge of the annulus and another set of circumferentially spaced vanes [are] formed on the inner peripheral edge of the annulus and [?] the side plates are formed in a complementary annulus that is torroidally shaped and one set of vanes are located on the outer diameter peripheral edge of the torroidally shaped complementary annulus of the side plates and the outer set of the vanes are formed on the inner diameter peripheral edge of the torroidally shaped complementary annulus of the side plates.

2. The following is an examiner's statement of reasons for allowance:

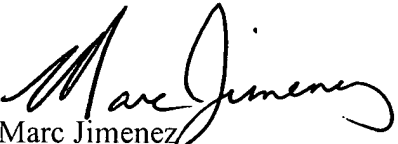
The prior art does not teach or suggest a method for fabricating a non rotating stator vane with circumferentially spaced vanes formed in a ring including forming the vanes integrally with a circular shaped support member located on a peripheral edge of the vanes, which support is made from sacrificial material, in combination with all of the other claim limitations.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Marc Jimenez whose telephone number is (703) 306-5965. The examiner can normally be reached on Monday-Friday between 5:30 a.m.-2:00 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Peter Vo can be reached on (703) 308-1789. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

  
Marc Jimenez  
Patent Examiner  
AU 3726

**MJ**  
October 14, 2004